

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Original): A laminated zeolite composite, characterized in that it comprises a MFI membrane being constituted by a MFI type zeolite and having a $\text{SiO}_2/\text{Al}_2\text{O}_3$ (molar ratio) of 40 to 100, and a porous substrate being constituted by a MFI type zeolite and having a $\text{SiO}_2/\text{Al}_2\text{O}_3$ (molar ratio) of 20 to 400, and that the MFI membrane is formed on the porous substrate.

Claim 2 (Original): A laminated zeolite composite according to Claim 1, wherein the MFI membrane has a thickness of 25 μm or less.

Claim 3 (Currently Amended): A laminated zeolite composite according to Claim 1 ~~or 2~~, wherein the $\text{SiO}_2/\text{Al}_2\text{O}_3$ (molar ratio) of the MFI membrane decreases gradually from a side of the membrane contacting the porous substrate toward other side thereof.

Claim 4 (Currently Amended): A laminated zeolite composite according to ~~any of Claims 1 to 3~~, Claim 1, which is used for separation of butane isomers.

Claim 5 (Currently Amended): A laminated zeolite composite according to ~~any of Claims 1 to 3~~, Claim 1, which is used for separation of propane and propylene.

Claim 6 (Original): A method for producing a laminated zeolite composite comprising immersing a porous substrate in a silica sol-containing sol for membrane formation and forming a MFI membrane on the porous substrate under heating conditions;

said method being characterized in that a porous substrate being constituted by a MFI type zeolite and having a $\text{SiO}_2/\text{Al}_2\text{O}_3$ (molar ratio) of 20 to 400 is immersed in a sol for membrane formation having a $\text{SiO}_2/\text{Al}_2\text{O}_3$ (molar ratio) of 40 to 150 and a $\text{Na}_2\text{O}/\text{Al}_2\text{O}_3$ (molar ratio) of 15 or less.

Claim 7 (Original): A method for producing a laminated zeolite composite according to Claim 6, wherein a MFI membrane being constituted by a MFI type zeolite and having a $\text{SiO}_2/\text{Al}_2\text{O}_3$ (molar ratio) of 40 to 100 is formed.

Claim 8 (New): A laminated zeolite composite according to Claim 2, wherein the $\text{SiO}_2/\text{Al}_2\text{O}_3$ (molar ratio) of the MFI membrane decreases gradually from a side of the membrane contacting the porous substrate toward other side thereof.